

## CLAIMS

### I Claim:

1. A sub-route selection screen for a workflow system with a route where the sub-route selection screen is associated with a node in the route and a user uses the sub-route selection screen to select a first sub-route to be appended to the route to create a modified route to be executed by the workflow system.
2. The sub-route selection screen of claim 1 wherein the first sub-route is selected from a library of sub-routes.
3. The sub-route selection screen of claim 1 wherein a second sub-route is added to a library of sub-routes and then selected.
4. The sub-route selection screen of claim 1 wherein a selected sub-route is associated with a conditional branch response in a node with a conditional branch function such that the selected sub-route is activated if the conditional branch response is selected by the user.
5. The sub-route selection screen of claim 1 wherein a third sub-route is appended to the route to create a modified route with parallel sub-routes to be executed by the workflow system.
6. The sub-route selection screen of claim 1 wherein the modified route is stored in the library.
7. A composite route linkage for a workflow system with a route where in response to a sub-route selection, a first link from a first node in the composite route is modified to link to the start node of a first sub-route and a link from a second node of the first sub-route is modified to link to a second node in the composite route.
8. The composite route linkage of claim 7 wherein a return link from the second node in the first sub-route is modified to link back to the first node in the composite route.
9. The composite route linkage of claim 7 wherein a second link from a first node on the composite route is modified to link to the start node of a second sub-route and a link from a second node of the second sub-route is modified to link to the second node in the composite route so that first sub-route and second sub-route are in parallel.

10. The composite route linkage of claim 7 wherein a second link from a first node on the composite route is modified to link to the start node of a second sub-route and a link from a second node of the second sub-route is modified to link back to the first node in the composite route so that the first sub-route and second sub-route are in parallel.
11. The composite route linkage of claim 7 wherein the composite route is stored in a library.
12. A user assignment screen for a workflow system with a route where the user assignment screen is associated with a first node in the route and a first user uses the user assignment screen to assign a second user to a second node in the route to create a modified route to be executed by the workflow system.
13. The user assignment screen of claim 12 wherein the second user is selected from a pre-defined list of candidates.
14. The user assignment screen of claim 12 wherein the set of assigned users are saved in a library.
15. The user assignment screen of claim 12 wherein the second user is a role where the users are assigned to the role.